If your customer can imagine it, you can print it!

brother at your side

GT-541 | The Garment Printer

ecology

Professional Inkjet Garment Printer.
Fast, Easy, High, Quality, Printing.

If your customer can imagine it, you can print it!

With the GT-541, you can print textiles **directly from your computer or from a Compact Flash card** using selective graphic applications **without time-consuming preparation and the high costs** of traditional screen-printing methods. On most fabrics in a high quality 4C full-colour print, on a printable surface of 35 x 40 cm. As easy to operate as a normal desktop printer, with impressive **high-resolution print quality.** Useable as stand-alone or networked to PC.

Fast and easy set-up and production time compared with traditional screen printing. The **extremely long-lasting,** water-based ink **withstands even repeated washes** and is fixed by a standard heat press after printing. Straightforward and easy. Just as you would expect from one of the leading developers of innovative textile technology for over 100 years.

QUALITY IMAGES, WITH OR WITHOUT YOUR PC.

- **Full colour photographic quality output (600dpi)**
- **Fast set-up and production time**
- **Low printing cost**
- **Simple operation – short learning curve**
- **Print one or many garments cost effectively**

T-SHIRT

Decorate the number 1 leisure textile! Just think about all those sports and leisure clubs and teams who need printed shirts. Or just family and friends.

Innovative details. Quality results.

CONTROL PANEL

Start the printing process, using the intuitive control panels. The LED display shows the name of the file to be printed, the pallet size, ink levels and ink consumption for each print.

COMPACT FLASH DRIVE

Integrated Compact Flash card reader. Transfer your designs even without a PC. (Compact Flash card not included.)

INK CARTRIDGES & PRINT HEADS

The water-based pigment ink was developed and tested exclusively for use with the GT-541 print heads.

ADJUSTABLE PLATEN

The adjustable platen enables you to print on various thicknesses of material.

JEANS

Even light-coloured jeans are no great challenge with the additional support for trouser legs.

One machine – infinite possibilities.

The GT-541 garment printer and adjustable material platen are quite versatile giving your business more options for customers. For example, buttons and zippers on textiles are no problem for this machine – it simply prints right over them. You can easily move the platen up or down the appropriate distance between buttons and textiles. As well as standard platen for t-shirts and sweat-shirts, there are various special formats available, including for jeans or canvas bags.

Obstacles such as buttons and zippers are no problem for the printer.

Towels, napkins, zippers and much more. Hotels, catering and event organisers are valuable repeat customers.

POLO-SHIRT

Polo shirts with buttons were previously a problem for many printers. The GT-541 solves this – with its adjustable platen.

Efficient Processes

Create with your customer the graphic you wish to print in your graphics software. Transfer the design using the print menu of your computer.

Position the textiles on the height-adjustable support. Press the print button.

Within a few moments your textile is printed. Then fix the printed area with a heat press to complete the process.

Print Samples.

SIZE: 19 x 34 cm
PRINT DURATION: 58 sec
INK CONSUMPTION: 0.46 ml

SIZE: 4.7 x 1 cm
PRINT DURATION: 18 sec
INK CONSUMPTION: 0.02 ml

SIZE: 10.5 x 10 cm
PRINT DURATION: 30 sec
INK CONSUMPTION: 0.1 ml

SIZE: 22.5 x 31 cm
PRINT DURATION: 1m 9sec
INK CONSUMPTION: 0.47 ml

SIZE: 25 x 30 cm
PRINT DURATION: 1m 2sec
INK CONSUMPTION: 0.93 ml

SIZE: 38 x 34 cm
PRINT DURATION: 1m 43sec
INK CONSUMPTION: 1.69 ml

GT-541. FOR ECONOMY PROFESSIONALS.

With its fast set-up and production time, the GT-541 also provides a quick return on investment!

Dustin and Lisa Henderson, Owners, Big Fish Ink

"We wouldn't even be in business if it weren't for the GT-541 digital inkjet garment printer. The quality is just amazing and always consistent, even after zillions of washings. We specialize in taking photos at sporting and special events, and then preserving these memories by putting them on shirts and other garments. We simply pack up our GT-541 and photography equipment and travel from event-to-event. Having had a prior successful sales career, I worried about how to market this product. Fortunately the GT-541 practically sells itself. People are amazed at what this machine can do. We always seem to have a crowd around us, but fortunately our customers don't have to wait long at all for their garments to print. Brother is a company that really cares about its products and customers. As far as we're concerned, Brother owns this industry and has set the standard. No one can even come close."

Peter Rinnig, Owner, QRST's

"I've been in the garment decorating business for nearly 20 years and nothing has boosted my sales like the GT-541 garment printer. The GT-541 has become so invaluable to my business, it gets equal press time. It has been a gold mine for us, representing a whopping 12% of my bottom line in just the first year alone! Our customers can have as many colours in their designs as they want, without the high cost of all those screens. We can offer them the printing they want, at prices they can afford, with lightening quick turnaround times. The GT-541 is by far the best investment I've made for my screenprinting business!"

Dan Alexander, Owner, Mainly Monograms

"The GT-541 serves a very lucrative, rapidly growing niche market. We can now profitably print short runs with multiple colours, which isn't practical with screen-printing. We've had customers wanting to add just a few shirts to their already completed order, and now we can print them in just a few minutes – without the set-up and mess of screen-printing. Our customers love to have us print shirts with special photos on them for gifts, memorabilia, sports teams, you name it. The GT-541 is providing an important new profit center for us. We're thrilled with the service we get from Brother. They always stand behind their machines, and our rep, Steve Hobbs, has been just great to us."

Lisa Kearley, Owner, Thread Tech

"The GT-541 is becoming my favorite piece of equipment in my garment decorating business. The advantages of the GT-541 over screen printing are no screen charges and no minimums. My customers are thrilled. For those that need only a few shirts; they don't have to settle for a one colour design. They get exactly what they want at a price they can afford and it's making a huge difference. Samples are a snap. Customer feedback tells me they love the way they wash and wear and they like that there is no heavy, stiff plastic feel as they were used to with screen printing. Business is increasing as word gets out about the increased benefits I can offer my clientele! I'm even subcontracting for other garment decorators."

Q. What type of printer is this?
A. The printer is a computer controlled large format ink jet printer that prints directly on to your garments.

Q. Are the prints produced very detailed?
A. The printer produces graphics with up to 600 Dpi. Process screen-printing is approximately 72 Dpi

Q. How many colours will the printer produce?
A. By using the 4-colour printing process (CMYK) it can produce over 16 Million colours.

Q. How is the ink supplied to the printer?
A. By 4 ink cartridges (CMYK).

Q. How long does it take to print a shirt?
A. It really depends on the design, but a standard sized 25cmX30cm design can be produced in less than a minute.

Q. Is there any post treating of the garment after printing?
A. Yes. Use a regular heat-press set at 180°C and press for 35 seconds.

Q. What colour of garments can it print on?
A. We can print on white and many light or pastel colour shirts, additionally some dark colour shirts as well.

Q. Can we print on dark colour shirts?
A. It depends on the colour of the garment. But it cannot print on black due to the printer not having white ink.

Q. Will the ink withstand washing?
A. Yes, we have done extensive wash testing and we have found that the ink is very durable in most cases equal to or better than Screen Printing.

Q. What is the maximum printing size?
A. It is 35.56cm wide X 40.64cm long.

Q. How much does it cost to print a shirt?
A. It depends on the amount of ink used. A standard design uses about a $1 worth of ink.

Q. What is the machine's size and weight?
A. The printer is 118.36cm long x 93.98cm wide x 60.96cm tall. It weighs about 100kg.

Q. Is any special software or a RIP required?
A. No, graphics can be produced by using most of major Windows based design software programs.

Q. How do you connect the PC to the printer?
A. The printer connects via a USB cable (not included) or data can be transferred with a CF card.

Q. Is any special power supply required?
A. No. This printer works with regular AC power 220V (+/- 10%).

Q. What kind of ink is used?
A. It is a water-based ink developed especially for printing on garments.

Q. What types of fabric can it print on?
A. You can print on a variety of fabric types; however, best quality results are achieved using 100% cotton, 50% cotton 50% poly blends.

Q. When the garment is being printed how do you keep ink from bleeding from the front to the back?
A. There is no need as the ink does not bleed through the shirt.

Q. How is a garment loaded into the printer?
A. The garment is slipped on to the printer's platen much like a garment is loaded on to a screen-printing machine.

Q. Do we need to use any spray tack (adhesive spray) to hold the garment?
A. No. The surface of the platen is covered with a special fabric that helps hold the garment in place.

Q. Is financing available?
A. Yes through third party leasing companies.

Q. Can you print on sleeves?
A. Sure. It would be easier if you press the sleeve before printing and adjust platen height accordingly.

Q. Can you use this printer to print on a transfer paper and then transfer it?
A. No. Our ink is not transferable.

Q. What operating system(s) is required?
A. Windows 7, Windows Vista, Windows XP Home or professional, or Windows 2000.

Q. Can the printer be used on a network of PCs?
A. Yes. We can share one GT-541 printer with multiple networked PCs using Windows printer sharing function.

BROTHER GT-541 GARMENT PRINTER

ITEM		SPECIFICATION
Print Method		Direct Inkjet Garment Printer
Maximum Printing Area		355.6 x 406.4 mm
Platen Height Adjust		Manual 12 mm
Machine Size		1183 mm (W) x 940 mm (D) x 610 mm (H)
Machine Weight		100 kg
Ink:	Type	Water Base Pigment Ink
	Colour	4 Colours (CMYK)
	Ink Volume	220 cc (220 ml) Usable Ink
Ink Head:	Type	On Demand Piezo Head
	# Heads	4 Heads, One Per Colour, 128 Nozzles Per Head
	Resolution	600 x 600 (DPI)
Print Mode		Single, Double
Printable Materials		100 % Cotton, 50/50 Cotton/Polyester
Operation System		Windows® 2000/Windows® XP/Windows VISTA™/Windows 7
Environment		10 °C to 35 °C, Humidity 35-85 % RH
Interface		USB (USB 1.1/2.0), Compact Flash
Power Consumption		65 W (Average), 15 W (Idle)
Power Supply		AC 230 V ±10 %, 50/60 Hz ±1 Hz

GT-541 CONSUMABLES

PRODUCT CODE	DESCRIPTION
GC-50C	Ink CYAN
GC-50M	Ink MAGENTA
GC-51Y	Ink YELLOW
GC-50K	Ink BLACK

GT-541 OPTIONAL SUPPLIES

PRODUCT CODE	DESCRIPTION
SA5629101	WASTE INK CARTRIDGE ASSY
SA6399201	YOUTH PLATEN, size 255 x 305 mm
SA8213201	BABY PLATEN, size 178 x 203 mm
N10012803	SLEEVE PLATEN, size 108 x 406 mm
N10012802	POCKET PLATEN, size 152 x 89 mm
N10012841	GT-541 STAND WITH CASTORS, size 920 (W) x 780 (D) x 675 (H) mm